

RUMANIA / Virology. Human and Animal Viruses. Rabies Virus. E-3

Abs Jour : Ref Zhur - Biol., No 18, 1958, No 81281

Authors : Constantinescu, N.; Stirbu; Chaptca, A.; Taindel, C.

Inst : Rumanian AS

Title : A Study of the Comparative Protective Effect of Anti-Rabies Serum and Phenol Vaccines in Experimental Rabies.

Orig Pub : Studii si cercetari inframicrobiol., microbiol. si parazitol. Acad. PRP, 1956, 7, No. 3-4, 423-470.

Abstract : An attenuated fixed virus (the first 6 doses) was introduced successively into sheep (25) by 12, 5, 8 doses into the muscles or peritoneum, and subsequently the ordinary virus (the remaining 19 doses). The protective properties of the serum were tested in vitro on 1408 animals (dogs, rabbits, guinea-pigs, rats, mice). The serum protection was inversely proportional to the severity of disease. The authors assume that the serotherapy acts by neutralization of virus in situ. The process of

Card 1/2

ROMANIA/General Problems of Pathology. Allergy

U-2

Abs Jour : Ref Zhur - Biol., No 14, 1958, No 65911

Author : Constantinescu N., Micu, I., Munteanu G., Gheorghiu M.,
Birzu, N., Blindu P., Vacs L.

Inst : Rumanian Academy

Title : Preliminary Data on the Allergic Intradermal Test in Epi-
demic Hepatitis

Orig Pub : Comun. Acad. RPR, 1957, 7, No 2, 273-277

Abstract : By means of the Vladimirova intradermal test (Clinic. med.,
1951, 7), the authors detected the presence of an auto-
allergen (AA) in a filtrate of gastric juice from a patient
with epidemic hepatitis throughout the course of the disease.
The AA reaction was negative in well persons and in patients
with gastric and hepatic diseases.

Card : 1/1

EXCERPTA MEDICA Sec 4 Vol 12/8 Med. Micro. Aug 59

2387. IMMUNOLOGICAL STUDIES IN LEPTOSPIROSIS. I. SENSITIVITY AND REACTIVITY OF THE WHITE RAT TO INFECTION BY ANICTEROGENIC LEPTOSPIRA. II. EXPERIMENTAL STUDIES ON INOCULATION IN ANICTEROGENIC LEPTOSPIROSIS - Cercetări imunologice în leptospiroze.

I. Sensibilitatea și reactivitatea sobolanului alb față de infecția prin leptospire anicterigene. II. Cercetări experimentale asupra vaccinării în leptospirozele anicterice. - Constantinescu N. and Zavate O. Inst.

'Dr. I. Cantacuzino', Iași - STUD. CERCET. ȘTIINT. MED. 1957, 8/1 (111-118 and 119-124) Tables 10

Leptospira which are generally considered anicterogenic (*L. pomona*, *L. canicola*, *L. sejroe*, and *L. grippotyphosa*), administered by the peritoneal, conjunctival or nasal route to white rats, provoke an inapparent infection with leptospira in the kidney for at least 6 months. The state of immunity of the infected rat was demonstrated by Pfeiffer's phenomenon and by agglutinolysis reaction. These 2 reactions constantly become positive 3 to 4 days after infection. The agglutinolysins are monovalent even in high titres of 1/12,800 to 1/25,600. This reactivity by strongly specific antibodies renders the white rat an animal of choice for studying immunity in leptospirosis. Cultures in Uhlenhuth's medium treated with equal parts of 2% formol, administered by the peritoneal or s.c. route to white rats, produce a state of immunity which is as intense as that due to the infection. Pigs are infected in 60 to 95% and swine-herds in 14 to 75% with *L. pomona*. Prophylaxis in the latter could be undertaken with an anti-*L. pomona* vaccine, administered in a single dose.

HORNET, Th.; CONSTANTINESCU, N.; APPEL, E.; DRAGHICI, L.

Experimental demyelinating allergic encephalomyelitis; relations
between demyelination and enzymes. Rev. sci. med. 5 no.3/4:173-
176 '60.

(ENCEPHALOMYELITIS exper.) (PHOSPHATASES physiol.)
(NEUROLOGIA pathol.)

NICOLAU, St. S., acad.; CONSTANTINESCU, N.; BIRZU, N.; ZAVATE, O.

Immunity in rabies determined by the peritoneal test of rabies virus neutralization. Stud. cercet. inframicrobiol., Bucur. 11 no. 1: 9-19 '60.

(RABIES, immunology)

CONSTANTINESCU, N.; CAJAL, N.; BIRZU, N.; CEPILEANU, M.; ZAVATE, O.

Experimental rabies infection in the Syrian hamster. Stud.
cercet. inframicrobiol., Bucur. 11 no. 1: 61-72 '60.

1. Comunicare prezentata la Institutul de inframicrobiologie al
Academiei R.P.R. in sedinta din 16 septembrie 1959.
(RABIES experimental)

CONSTANTINESCU, N.; KRAUSS, S.; CONSTANTINESCU, Maria; CIULAVU, C.

Glucocorticoid hormone treatment of certain forms of haemoptysis.

Rumanian # Rev. no.3:24-27 J1-S '60.

(HEMOPTYSIS therapy) (ADRENAL CORTEX HORMONES therapy)

(TUBERCULOSIS PULMONARY complications)

NICOLAU, St. S., acad.; CONSTANTINESCU, N.; BIRZU, N.; ZAVATE, O.; MICU, I.
TEODOROVICI, Gr.

Evolution of human rabies comparatively studied in both treated and untreated patients with antirabic vaccine. Consecutive therapeutic directives. Studii cerc inframicrobiol Special issue-supplement to 12:133-143 '61.

1. Institutul de inframicrobiologie al Academiei R.P.R. si Institutul de igiena, Iasi. 2. Membru al Comitetului de redactie si redactor responsabil, "Studii si cercetari de inframicrobiologie"(for Nicolau).

(HYDROPHOBIA)

NICOLAU, St. S., acad.; CONSTANTINESCU, N.; CAJAL, N.; BIRZU, N.; ZAVATE, O.;
MORARU, A.

Variability of the fixed rabic virus. Comparative pathogenic and
immunogenic activity of the Pasteur and Babes strains, respectively.
Studii cerc inframicrobiol Special issue-supplement to 12:145-155
'61.

1. Institutul de inframicrobiologie al Academiei R.P.R. si Institutul
de igiena, Iasi. 2. Membru al Comitetului de redactie si redactor
responsabil, "Studii si cercetari de inframicrobiologie" (for St. S.
Nicolau). 3. Membru al Comitetului de redactie si redactor responsa-
bil adjunct, "Studii si cercetari de inframicrobiologie" (for Cajal).

(VIRUSES) (HYDROPHOBIA) (IMMUNITY)

CONSTANTINESCU, N.; CEPLEANU, M.; MICU, I.; BIRZU, N.; ZAVATE, O.;
MORARU, A.

Strains of the modified rabic virus, isolated from human meningo-
encephalomyelitis with a course atypical of rabies. Studii cerc
inframicrobiol Special issue-supplement to 12:167-174 '61.

1. Institutul de inframicrobiologie al Academiei R.P.R. si Institutul
de igiena, Iasi.

(HYDROPHOBIA) (ENCEPHALOMYELITIS)

ZAVATE, O.; CONSTANTINESCU, N.; BIRZU, N.; OANA, C.; PANAITESCU, Gh.;
MIHAIL, Al.

Inframicrobial infectious hepatitis in family environment. Studii
cerc inframicrobiol Special issue-supplement to 12:285-294 '61.

1. Institutul de inframicrobiologie al Academiei R.P.R. si Insti-
tutul de igiena, Iasi.

(HEPATITIS, INFECTIOUS)

NICOLAU, St. S., acad.; ZAVATE, O.; CONSTANTINESCU, N.; MICU, I.; BIRZU, N.;
RUSU, Florica; OVANESCU, Al.

Viral infectious hepatitis (V.I.H.) transmitted parentally. Studii
cern inframicrobiol 12 no.4:421-435 '61.

1. Institutul de inframicrobiologie al Academiei R.P.R. si Institutul
de igiena, Iasi. 2. Membru al Comitetului de redactie si redactor
responsabil "Studii si cercetari de inframicrobiologie" (for Nicolau)

CONSTANTINESCU, N.; CEPLEANU, M.; MICU, I.; BIRZU, N.; ZAVATE, O.;
MORARU, A.

Modified rabies virus strains isolated from human cases of meningo-
encephalomyelitis with an atypical course in rabies. Stud. cercet.
inframicrobiol. 12:167-174 Supplement '61.

(RABIES virology) (ENCEPHALOMYELITIS virology)
(MENINGOENCEPHALITIS virology)

^N
CONSTATINESCU, N.; ZAVATE, Olga; MORARU, Aneta

The protective capacity of rabies antiserum, administered by various routes, in relation to the date of rabies infection. Stud. cercet. inframicrobiol. 13 no.3:367-373 '62.

1. Comunicare prezentata la Institutul de inframicrobiologie al Academiei R.P.R.

(RABIES VACCINE)

(RABIES) (GAMMA GLOBULIN)

CONSTANTINESCU, N.; BERCOVICI, C.; ZAVATE, Olga; PETRESCU, Iulia; DAMATIRCA, D.;
PLACSIM, Al.; ROZENBOIM, Ety

A hydric epidemic of epidemic hepatitis preceded by dysentery.

Stud. cercet. inframicrobiol. 13 no.4:443-448 '62.

(HEPATITIS, INFECTIOUS) (WATER POLLUTION)

(DYSENTERY, BACILLARY)

ROMANIA

Dr C. FULGA and Dr E. CONSTANTINESCU, Infectious Diseases Hospital
(Spitalul de boli contagioase) Ploesti.

"Pyogenic Meningitis Caused by *Listeria monocytogenes*."

Bucharest, *Microbiologia, Parasitologia, Epidemiologia*, Vol 7, No 6,
Nov-Dec 1962; pp 519-520.

Abstract: Case in 37-year old factory mechanic, severe listerial
meningitis. Intensive antibiotic treatment based on in vitro sensitivity
tests succeeded in reducing symptoms within two weeks. Discharge after
44 days of hospitalization. Bacteriologic, clinical and laboratory
details. 100 Western, 1 Romanian, 3 Soviet references.

1/1

POP, A.; CONSTANTINESCU, N.; HEYTMANEK, Constanta; ELIAN, Inge; OPRISAN, Alice

Prospects in the early laboratory diagnosis of renal tuberculosis by
the anti-kidney antibody test (pathogenic basis of the method).

Rumanian med. rev. no.8:25-29 '62.

(TUBERCULOSIS, RENAL)

(AUTOANTIBODIES)

POP, A., dr.; CONSTANTINESCU, N., dr.; HEYTMANEK, Constanta, dr.;
ELIAN, Inge, dr.; OPRISAN, Alice, dr.

Prospects in the early laboratory diagnosis of renal tuberculosis
by the antirenal antibody test (pathogenic base of the method).
Microbiologia (Bucur) 6 no. 1:53-62 Ja-F '62.

1. Institutul "Dr. I. Cantacuzino" si Spitalul de tuberculoza
"Pantelimon".

*

FRANCHE, Maria; MICU, I.; BALTIEV, Ariadna; DUMITRIU, St.; FELLER, H.;
APOSTOL, A.; BRAUNER, E.; CONSTANTINESCU, N.; ZAVATE, Olga;
DOGARU, Maria; NICA, V.

Research on recurrences of exanthematous typhus. II. Comparative
clinical aspects of typhus recurrences and primary infections.
Stud. cercet. inframicrobiol. 15: no. 3: 211-224 '64.

ZAVATE, Olga; DOGARU, Maria; CONSTANTINESCU, N.; FRANCHE, Maria; SECU, A.
OVANESCU, Al.; BESLEAGA, E.

Research on recurrences of exanthematous typhus. III.
Comparative evolution of serological tests in typhus
recurrences and primary infections. Stud. cercet.
inframicrobiol. 15 no.3:245-253 '64.

ZAVATE, Olga; CONSTANTINESCU, N.; DOGARU, Maria; MORARU, Aneta; FRANKE,
Maria; MICU, I.; BALTIEV, Ariadna

Research on recurrences of exanthematous typhus. IV.
State of rickettsemia in sporadic typhus primoinfection
and in recurrences. Stud. cercet. inframicrobiol. 15
no.3:255-267 '64.

L 13189-66 EWA(j)/T/EWA(b)-1 JK

ACC NR: AP6005732

SOURCE CODE: RU/0023/65/010/001/0069/0075

AUTHOR: Fulga, C. (Doctor); Bernetti, E. (Doctor); Constantinescu, N. (Doctor); Dumitrescu, I. (Doctor)

ORG: Hospital for contagious diseases, Ploiesti (Spitalul de boli contagioase)

TITLE: Encephalitis ^{1/4/65} topical problem

SOURCE: Microbiologia, parazitologia, epidemiologia, v. 10, no. 1, 1965, 69-75

TOPIC TAGS: nervous system disease, epidemiology, encephalitis, virology, clinical medicine

ABSTRACT: The authors report on 242 cases of primitive infections of the central nervous system of probably viral origin, occurring in Ploiesti region. The clinical and epidemiological analysis shows that the number of cases of encephalitis is on the increase since 1950; that the cases are dispersed throughout the region without epidemic foci, with 60 percent of the cases and 40 percent of the mortality among children under 10 years and especially under one year; and that the frequency is greater during the winter. The authors suggest that encephalitis be declared a reportable disease to facilitate the collection of statistics and the proper epidemiological study of the disease. Orig. art. has: 4 figures and 1 table. ^{JPRES}

SUB CODE: 06 SUBM DATE: 02Jul65

Card 1/1 NU

UDC: 616.831-002-022.78

CONSTANTINESCU, N.N., candidat in stiinte economice

Economic premises of the People's Revolution in Rumania.
Probleme econ 17 no. 6:3-21 Je '64.

CONSTANTINESCU, N.N., candidat in stiinta economice; MIHAI, St.

Struggle of the working class under the leadership of the
Rumanian Communist Party against the bourgeois sabotage and
for the reconstruction of industry. Period preceding the
National Conference of the Rumanian Communist Party of 1945.
Probleme econ 15 no.2:83-104 F '62.

OFELIA CONSTANTINESCU

RUMANIA / Chemical Technology, Chemical Products and Their
Application. Part 4 - Cellulose and Its Derivatives.

H-32

Abs Jour : Ref. Zhur. Khimiya, No 4, 1958, 13204.
Author : Ofelia Constantinescu.
Inst : Not given
Title : Experiments of Wood Pulp Production at Increased Pressure
on Pulping Stone at "Steaua Rosie" Cellulose and Paper
Factory.
Orig Pub : Celuloza si Hirtie, 1957, 6, No 6, 208 - 210.
Abstract : The increased pressure on the stone using three pres-
ses instead of four resulted in greater pulp yield and de-
creased the electric power consumption. It is emphasized
that under such conditions it is necessary to avoid any
changes of the load and watch the stone surface and the
pulp quality.

Card 1/1

COUNTRY:	: Rumania	H-33
CATEGORY	:	
ABS. JOUR.	: RZKhim., No. 5 1960, No.	20425
AUTHOR	: Constantinescu, O.	
INST.	: Not given	
TITLE	: New Grades of Experimental Papers from Cane Cellulose	
ORIG. PUB.	: Celul si Hirtie, 8, No 6, 184-186 (1959)	
ABSTRACT	The technology of the production of a number of grades of paper (printing, vellum, engraving, glossy, offset, printing semivellum, copy, silk, boards, corrugated cardboard), from sulfate cane cellulose (bleached, semibleached, and unbleached) and the characteristics of the above papers are described. From author's summary	
CARD:	1/1	

CONSTANTINESCU, O.

Some considerations on the refining of reed sulfate pulp of the Danube Delta.
p. 253.

CELULOZA SI HIRTIE. (Asociatia Stiintifica a Inginerilor si Technicienilor
din Romania si Ministerul Industriei Petrolului si Chimie) Bucuresti, Romania.
Vol. 8, no. 8, Aug. 1959.

Monthly List of East European Accessions (EEAI) LC, Vol 9, no. 2, Feb. 1960.

Uncl.

PASCARU, I.; CONSTANTINESCU, N.; CONSTANTINESCU, O.

Contributions to the study of glycocoll irradiated on a reactor
by electronic paramagnetic resonance. Studi cerc fiz 14 no.4:
393-398 '63.

1. Institutul de fizica atomica Bucuresti.

CONSTANTINESCU, J.; DIHORU, Gh. (Bucuresti)

Mycologic news on Hungarian flora. Natura Biologie 16
no.3:86-87 My-Je '64.

CONSTANTINESCU, O

RUMANIA / Chemistry of High Molecular Compounds.

L.

Abs Jour : Ref. Zhur. - Khimiya, No.2, 1958, 6758

Author : Mihalku, M., Constantinescu, O *Constantinescu*

Inst : Not given.

Title : Macromolecular Compounds and Nuclear Radiation. I.

Orig Pub : Ind. usora, 1957, 4, No.5, 212-214.

Abstract : Review. Bibliography; 21 references.

Card : 1/1

RUMANIA / High Polymer Chemistry.

I

Abs Jour: Ref Zhur-Khimiya, No 1, 1959, 3441.

Author : Mihaleu, M., Constantinescu, O. *Limpiu*

Inst : Not given.

Title : High Molecular Compounds and Nuclear Radiation.

Orig Pub: Ind. usoara, 1958, 5, No 4, 133-137.

Abstract: An examination was made on the reaction mechanism caused by the irradiation of high molecular weight compounds. For communication II see R. Zh. Khim., 1958, 63304.

Card 1/1

RUMANIA / Analytical Chemistry--Analysis of
inorganic substances.

E-2

Abs Jour : Referat Zhur--Khimiya, No. 11, 1959, 38275

Author : Ionescu, S.; Constantinescu, O.^{impure}, Gainar, I.,
Mihalcu, M.; and Topor, D.

Inst : Not given

Title : Investigation of the Possibility of Separating
Some Ions on Rumanian Type R-21 Cation Exchange
Resins.

Orig Pub : Studii si Cercetari Chim 6, No. 2, 313-319 (1958)
(in Rumanian with French and Russian summaries)

Abstract : The authors have determined conditions for the
resolution of 4 pairs of cations using Rumanian-
made type R-21 cation exchange resin, obtained
by the polycondensation of p-phenolsulfonic
acid (1 mol) with CH_2O (1.3 mol) in the presence

Card 1/3

RUMANIA / Analytical Chemistry--Analysis of
inorganic substances.

E-2

Abs Jour : Referat Zhur--Khimiya, No: 11, 1959, 38275

of H_2SO_4 without the use of pressure or distillation. The ion exchange capacity of the R-21 resin is about 2 mequiv/gm, calculated on a dry resin basis; the density of the resin is 1.4852 gm/cm³, moisture content 7.8%, and swelling factor 1.31. Before utilization the cation exchange resin is put in the H form by washing with an HCl solution. Good results were obtained from the resolution of the following ion pairs: Na⁺-K⁺ (elution with 0.05-1 N HCl; column dimensions 1 x 103 cm; resin grain size 0.2-0.3 mm), Ca²⁺-Ba²⁺ (0.3 M solution of ammonium citrate at pH 5; 1.5x 24 cm; 0.4-0.5 mm), La³⁺-Ce³⁺ (ammonium citrate solution of pH 3.2; 1x 105 cm; 0.1-0.2 mm), and Th⁴⁺-UO₂²⁺ (1 N HCl;

Card 2/3

ROMANIA / Analytical Chemistry--Analysis of
inorganic substances.

E-2

Abs Jour : Referat Zhur--Khimiya, No. 11, 1959, 38276
Author : Buznea, G.; Constantinescu, O.^{Limyrius} and Topor, D.
Inst : Not given
Title : The Application of Organic Solvents in the
Selective Elution of Cations Adsorbed on Ion
Exchange Resins. I. Selective Elution of Zinc
and Copper.
Orig Pub : Studii si Certetari Chim, 6, No. 2, 333-338
(1958) (in Rumanian with summaries in French
and Russian)
Abstract : It has been determined that when acetone con-
taining 20% H₂O and 0.5% HCl (sp gr 1.16) is
used as the eluent, the complete resolution of
Zn²⁺ and Cu²⁺ adsorbed on Rumanian-made type

Card 1/3

RUMANIA / Analytical Chemistry--Analysis of
inorganic substances.

E-2

Abs Jour : Referat Zhur--Khimiya, No. 11, 1959, 38276

R-21 cation exchange resin (see preceding abstract) can be achieved. Good results have also been obtained with acetone containing 40% H₂O and 1% HCl. A solution of the sulfates of Zn and Cu containing Zn⁶⁵ as a radioactive indicator was passed through a quartz column (0.7x 25 cm) packed with R-21 cation exchange resin (grain size 0.3-0.5mm) which first had been converted to the H-form by washing with 5 N HCl. The amount of solution passed through the column was taken at about 20% of the total exchange capacity of the column (54.6 mg Zn and 56.8 mg Cu per gm of air-dried resin). Following washing with acetone (10 ml) one of the above-

Card 2/3

DUMITRU, M.; CONSTANTINESCU, O.; IONESCU, S.

Contributions to the study of the isotopic exchange in ion-exchanging
resins. Studii cerc fiz 11 no.2:383-396 '60. (EIAI 10:1)
(Isotopes) (Ion exchange)
(Gums and resins, Synthetic)

CONSTANTINESCU, O

R003/60/011/005/01B/022
 A123/AC25

ALPHANUM	How to use
TITLE	Meeting of

Meeting of the Chemical Industry

PERIODICAL: *Revista de China*, 1960, Vol. 11, No. 5, pp. 299 - 302

[illegible]

card 1/2

[illegible]

Case 2/2

CONSTANTINESCU, O., ing.; ANTON, I., ing.; BUROVA, T., ing.; HOTOPELEANU, A.,
ing.; KONERTH, H., chim.; POPOVICI, M., chim.; HERSCU, O., chim.;
PETREA, G., ing.; PLATON, M., ing.

Obtaining SNS chemical and semichemical pulps from reed by
means of continuous digesting in the Pandia type installa-
tion. Cel. Martie 11 no. 3:100-101 Mr. '62.

STANESCU, Nelly; CONSTANTINESCU, O.

Fighting against bacterial cancer in tomatoes, caused by *Corynebacterium michiganense* (E. F. Smith) Jensen, by means of some antibiotics. Comunicare AR 11 no.11:1373-1381 N '61.

1. Comunicare prezentata de Alice Savulescu, membru corespondent al Academiei R.P.R.

DEMA, I.; DUMITRU, M.; GIRD, E.; GAINAR, E.; RUSI, A.; SPIRIDON, St.;
SABAU, G.; CONSTANTINESCU, O.; IONESCU, S.

Contributions to the utilization of organic solvents as eluting
agents in cation exchange. II. On the possibilities of a selective
elution of lanthanides. Studii cerc fiz 11 no.2:397-405 '60.

(EEAI 10:1)

(Solvents) (Elution) (Rare-earth metals)
(Base-exchanging compounds) (Organic compounds)

CONSTANTINESCU, Olga

Crushing of the theses opposed to the 1945 Rumanian agrarian reform. Probleme econ 16 no.3:72-83 Mr '63.

SAVULESCU, A.; STANESCU, N.; CONSTANTINESCU, O.

Investigations on the penetration and translocation of
certain antibiotics in tomato plants. Rev biol 8 no. 4:
409-417 '63.

1. Institute of Biology "Traian Savulescu" of the Academy
of the R.P.R., Department of Phytopathology and Microbiology,
Bucharest.

*

PLATON, M., ing.; CONSTANTINESCU, O., ing.

Rendering the waste materials from forest operation and wood
processing factories valuable for the pulp industry. Cel
hirtie 10 no.4:121-128 Ap'61

CONSTANTINESCU, O., ing.; HERSCU, O., chim.

Determining the ash components in fibrous semifinished and finished products in the cellulose and paper industry. Cel hirtie 10 no.6:209-211 Je'61.

PLATON, M., ing.; CONSTANTINESCU, O., ing.; KONERTH, H., chim.

Use of waste materials from forestry operation and wood
industry mills. Cel hirtie 10 no. 7/8: 235-242 JI-Ag'61.

REICHMANN, Ed., ing.; CONSTANTINESCU, O., ing.; ANTON, I., ing.; BUROVA, I.,
candidat in stiinta tehnice.

Contributions to obtaining reed pulp by sulfate and neutral
sodium sulfite method with continuous Pandia type diges-
tion. Cel hirtie 10 no. 7/8: 277-296 J1-Ag'61.

ANTON, I., ing.; HOTOPELEANU, A., ing.; HERSCU, O., chim.; CONSTANTINESCU, O., ing.

Obtaining semifinished chlorine dioxide bleached pulp from
reed. Cel hirtle 10 no. 9:329-335 S'61.

PLATON, M., ing.; CONSTANTINESCU, O., ing.; DRAGHICI, N., ing.; KONERTH, H.
chim.; ANTON, I., ing.; BURVA, T., ing.; FISCHGOLD, S., ing.;
HOTOPELEANU, A., ing.

Industrial experiments in turning to account waste materials
resulting from the exploitation and industrialization of wood.
Cel hirtie 11 no. 3: 102-106 Mr '62.

HOTOPELEANU, A., ing.; CONSTANTINESCU, O., ing.; SHEREA, A., ing.;
GAALY, R., tehn.; TEODORESCU, I., tehn.; DROB, E., ing.;
CRISTESCU, A., ing.

Use of synthetic fibers in paper manufacturing. Cel. hirtie
11 no. 7:265-273 JI. '62

1. Institutul de Cercetari si Proiectari pentru Hirtie, Calu-
loza si Stuf (for Hotopeleanu). 2. Fabrica "Electronica" (for
Drob). 3. Fabrica de hirtie "1 Septembrie" (for Cristescu).

ESANU, F., ing.; KONERTH, H., ing.; ANDRUCHOVICI, F., ing.; FISCHGOLD, S.
ing.; POPESCU, G., biolog.; ANTON, I., ing.; POPOVICI, M. ing.;
HOTOPELEANU, A., ing.; REICHMANN, E., ing.; CONSTANTINESCU, O.,
ing.

Studies on how to obtain an alkaline pulp (sulfate and natron)
from straw by continuous digesting in a Pandia type installa-
tion. Cel. hirtie 11 no. 6: 205-219 Je '62

POPOVICI, V., ing.; CONSTANTINESCU, O., ing.

Laboratory research on the production of chemical and mechanical pulps from annual plants by the cold soda process. Cel hirtie 11 no.7:252-264 JI'62.

CONSTANTINESCU, O., ing.

Research on obtaining semichemical pulp and high yield cellulose from
foliage weed. Cel hirtie 12 no.8/9:257-264 Ag-S '63.

SACHELARESCU, Fl., biolog, CATRINA, I., ing., VINTIAL, E., ing.,
CONSTANTINESCU, O., chimist

Testing the wood durability by radioisotopes. Ind lemmlui
14 no. 11: 421-424 N '63.

TURAI, I., prof.; CONSTANTINESCU, O., dr.; CONSTANTINESCU, M., dr.;
SOARE, M., dr.; VIDLESCU, V., ext.

Findings and results in the treatment of acute pancreatitis.
Med. intern. 15 no.6:659-665 Je '63.

1. Lucrare efectuata in Clinica a II-a chirurgicala, Spitalul
"M.C. Frimu", Bucuresti, (director prof. I. Turai). 2. Membru
corespondent al Academiei R.P.R. (for Turai).
(PANCREATITIS) (PROCAINE) (ANTIHISTAMINICS)
(ATROPINE) (ANTIBIOTICS)

GHEORGHE, M.; CATRINA, I.; CONSTANTINESCU, C.

Determining the reasons of selective penetration of sodium
pentachlorophenolates into wood by radiation analysis.
Drevarsky vyskum no.3:113-125 '64.

1. Forest Research Institute, Bucharest.

CONSTANTINESCU, O.; DIHORU, Gh.

Contribution to the knowledge of Rumanian microflora. Comunicarile
Ar 13 no.10:885-890 0 '63.

1. Comunicare prezentata de academician Alice Savulescu.

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- with Pl. vivax, 7 - with Pl. falciparum and one - with Pl. malariae),
and with experimentally-induced malaria in 73 patients (40 - with Pl.
vivax, 32 - with Pl. falciparum and one - with Pl. malariae). The
duration of infestation with Pl. vivax in various cases was not over
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(ADRENAL CORTEX, physiol.

in congestive heart failure, application to prednisone
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On the analysis of the P- and N- circuits with valve elements.
Rev math pures 5 no.2:403-410 '60. (EEAI 10:9)

(Electric relays) (Electric contactors)
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S/044/62/000/003/069/092
C111/C333

AUTHOR: Constantinescu, Paul

TITLE: On the classification of Boolean symmetric functions with respect to types

PERIODICAL: Referativnyy zhurnal, Matematika, no. 3, 1962, 50, abstract 3V262. ("Studii și cercetări mat. Acad. RPR", 1960, 11, no. 1, 193-206)

TEXT: It is proved:

Theorem: Two Boolean symmetric functions of n variables are of one type if and only if either the two functions possess the same system of working numbers $(\alpha_1, \dots, \alpha_p)$, or if the working numbers of the one function are $(\alpha_1, \dots, \alpha_p)$ and those of the other function are $(n-\alpha_1, \dots, n-\alpha_p)$ or if the working numbers of the one function are $(0, 2, 4, \dots, n)$ and those of the other $(1, 3, \dots, n-1)$. The number of types is determined for $n=1, 2, 3, 4, 5$, and the Boolean symmetric functions belonging to them are written down.

[Abstracter's note: Complete translation.]

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A class of symmetrical networks which can be realized with a minimal number of contacts. Rev math pures 6 no.2:391-394 '61.

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Number of the types of the generalized symmetrical boolean functions. Studii cer mat 12 no.2:449-455 '61.

CIEJA, Vladimir; CONSTANTINESCU, Paul

A duality theorem for the circuits of commutation. Comunicarile
AR 12 no.2:207-211 F '62.

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S/044/63/000/002/042/050
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AUTHORS: Constantinescu, Paul, Cleja, Vladimir

TITLE: Two-level transistor circuits controlled through the collector

PERIODICAL: Referativnyy zhurnal, Matematika, no. 2, 1963, 50, abstract 27252
(Studii si cercetari mat. Acad. RPR, 1962, v. 13, no. 3, 485 - 498;
Hungarian; summaries in Russian, French)

TEXT: The authors consider p-n-p and n-p-n transistors controlled through the base, emitter or collector in circuits with two levels. Since the control signals are fed also to the collector, new types of circuits are obtained as compared with the work of Moisil (Moisil, G.C., Circuite cu transistori, I, 1961, Bucuresti).

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[Abstracter's note: Complete translation]

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Analysis of some transistor circuits in calculating machines. Probleme
automatiz 4:37-42 '63.

CONSTANTINESCU, Paul (Bucharest)

On the number of types of Boolean functions with respect to
some subgroups of the hyperoctahedral group. Bull math Rum
4 no.1:3-16'60

CIEJA, V.; ~~CONSTANTINESCU~~, Paul

On the synthesis of a remote control diagram. Probleme
automatiz 41-49 5 N '62.

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Algorism for determination of the nucleus of the graph associated
with the Nim game. Studii cerc mat 15 no. 1:77-81 '64.

CONSTANTINESCU, M.; CONSTANTINESCU, O.; PASCARU, I.

Method of electronic paramagnetic resonance applied to the study of ions adsorbed by ion exchangers. I. Studii cerc fiz 13 no.4:631-637 '62.

1., Institutul de fizica atomica, Bucuresti.

CONSTANTINESCU, Olimpiu

Relations of the chemical bonds in the spectra of electronic paramagnetic resonance. Studii cerc fiz 13 no.5:795-798 '62.

1. Institutul de fizica atomica, Bucuresti.